

## SEQUENCE LISTING

<110> MAKI, NOBORU  
KIMURA, TATSUJI  
YAGI, SHINTARO

<120> HBV PRECORE PROTEIN HAVING A PARTICLE-FORMING ABILITY

<130> 053466-0395

<140> 10/526,744

<141> 2003-09-05

<150> PCT/JP03/011389

<151> 2003-09-05

<150> JP 2002-261666

<151> 2002-09-06

<160> 10

<170> PatentIn Ver. 3.3

<210> 1

<211> 178

<212> PRT

<213> Hepatitis B virus

<220>

<223> hepatitis B virus core protein

<400> 1

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Gln	Ala	Ser	Lys	Leu	Cys	Leu	Gly	Trp	Leu	Trp	Gly	Met	Asp	Ile	Asp
			20					25					30		

Pro	Tyr	Lys	Glu	Phe	Gly	Ala	Ser	Val	Glu	Leu	Leu	Ser	Phe	Leu	Pro
			35					40					45		

Ser	Asp	Phe	Phe	Pro	Ser	Ile	Arg	Asp	Leu	Leu	Asp	Thr	Ala	Ser	Ala
	50					55					60				

Leu	Tyr	Arg	Glu	Ala	Leu	Glu	Ser	Pro	Glu	His	Cys	Ser	Pro	His	His
	65				70					75					80

Thr	Ala	Leu	Arg	Gln	Ala	Ile	Leu	Cys	Trp	Gly	Glu	Leu	Met	Asn	Leu
				85					90					95	

Ala	Thr	Trp	Val	Gly	Ser	Asn	Leu	Glu	Asp	Pro	Ala	Ser	Arg	Glu	Leu
			100					105					110		

Val	Val	Ser	Tyr	Val	Asn	Thr	Asn	Met	Gly	Leu	Lys	Ile	Arg	Gln	Leu
			115				120						125		

Leu	Trp	Phe	His	Ile	Ser	Cys	Leu	Thr	Phe	Gly	Arg	Glu	Thr	Val	Leu
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Glu Tyr Leu Val Ser Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr  
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Arg Pro Pro Asn Ala Pro Ile Leu Ser Thr Leu Pro Glu Thr Thr Val  
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Val Arg

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 <223> part of hepatitis B virus core protein

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Gln Ala Ser Lys  
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<210> 3  
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<210> 5  
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Pro Glu Thr Thr Val Val Arg  
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Arg Arg